

ENERGY EFFICIENT MOBILITY SYSTEMS: THE TRANSFORMING TRANSPORTATION ECOSYSTEM

Wednesday, December 4
1:30 - 2:45 PM (US Arizona)

College Avenue Commons
(CAVC) Room 333



Prasad Gupte

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Energy Efficient Mobility Systems (EEMS)

Department of Energy (DOE)

Washington DC

About the Talk

The transportation landscape is in transition. The convergence of rising congestion, increasingly cleaner and more complex vehicles and powertrains, behavioral changes, emerging disruptive technologies such as autonomous and connected vehicles, and new business models (just to mention a few) – demand that we take a fresh new approach to researching, designing and deploying solutions for the nation's transportation ecosystem. In this talk, we will explore some of these changes and share how the Department of Energy's Vehicle Technologies Office (VTO) has expanded the scope of the R&D it funds from its traditional focus in component and vehicle level R&D to an increased focus on R&D for and at the transportation system as a whole and subsequently created a new program – the Energy Efficient Mobility Systems (EEMS) program – to contribute to the addressing these challenges.

About the Speaker

Prasad Gupte is a technology manager in the EEMS program, a ~\$40M annual program with the ~\$340M annual VTO program. He joined the Department of Energy Office of Energy Efficiency and Renewable Energy in 2012 as an engineer and project manager. The focus of his work is to help select, manage, and then evaluate innovative, early stage R&D conducted at national laboratories, universities, and private industry in the emerging mobility ecosystem. Prior to joining DOE, he was an engineer and project manager at the National Institute of Standards and Technology (NIST) for nine years, also doing work in a similar capacity (R&D project management) in a variety of technical areas. Prior to his 16 years of federal service, Prasad was a bench scale scientist, a pilot plant and manufacturing engineer, and a business process consultant in industry. Prasad was educated at The Ohio State University in chemical engineering and the Massachusetts Institute of Technology in the Technology and Policy Program.

This seminar is webcast live to a worldwide audience by
ASU Engineering – Global Outreach and Extended Education (GOEE).

To access the live webcast and archive of previous seminar recordings, please visit:

<http://links.asu.edu/ASU-Transportation-Seminar>

Light refreshments will be served. Event is open to the public.



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